

PTO/SB/08a/b (08-03)

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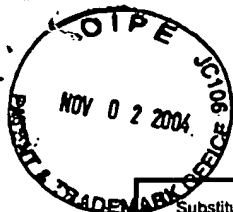
Substitute for form 1449A/B/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			Application Number	10/692,563	
			Filing Date	October 24, 2003	
			First Named Inventor	Draper, Michael	
			Art Unit	1616	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	3	Attorney Docket Number	PAZ-114CP2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
SQ	A1	2,980,584	04-18-1961	Hammer	
	A2	2,990,331	06-27-1961	Neumann, <i>et al.</i>	
	A3	3,062,717	11-06-1962	Hammer	
	A4	3,165,531	01-12-1965	Blackwood, <i>et al.</i>	
	A5	3,454,697	07-08-1969	Joyner, <i>et al.</i>	
	A6	3,557,280	01-19-1971	Weber, <i>et al.</i>	
	A7	3,674,859	07-04-1972	Beutel, <i>et al.</i>	
	A8	3,957,980	05-18-1976	Noseworthy	
	A9	4,018,889	07-19-1977	Armstrong	
	A10	4,024,272	05-17-1977	Rogalski, <i>et al.</i>	
	A11	4,126,680	11-21-1978	Armstrong	
	A12	5,523,297	06-04-1996	Pruzanski, <i>et al.</i>	
	A13	5,532,227	07-02-1996	Golub, <i>et al.</i>	
	A14	5,639,742	06-17-1997	Lee, <i>et al.</i>	
	A15	5,789,395	08-04-1998	Amin, <i>et al.</i>	
	A16	5,834,450	11-10-1998	Su	
	A17	5,919,395	07-06-1999	Bastin, <i>et al.</i>	
	A18	5,919,775	07-06-1999	Amin, <i>et al.</i>	
	A19	6,043,231	03-28-2000	Pruzanski, <i>et al.</i>	
	A20	6,319,910 B1	11-20-2001	Amin, <i>et al.</i>	
	A21	6,326,023 B1	12-04-2001	Dutta, <i>et al.</i>	
	A22	20020045602	04-18-2002	Nelson, <i>et al.</i>	
	A23	20020103171	08-01-2002	Nelson, <i>et al.</i>	
	A24	20020111335	08-15-2002	Nelson, <i>et al.</i>	
	A25	20020115644	08-22-2002	Levy, <i>et al.</i>	
	A26	20020123637	09-05-2002	Levy, <i>et al.</i>	
	A27	20020128237	09-12-2002	Nelson, <i>et al.</i>	
	A28	20020128238	09-12-2002	Nelson, <i>et al.</i>	
	A29	20020132798	09-19-2002	Nelson, <i>et al.</i>	

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
SQ	A30	DE 2814974	10-19-1978	Pliva Pharm & Chem Works		
SQ	A31	DE 2820983	10-18-1979	Pliva Pharm & Chem Works		

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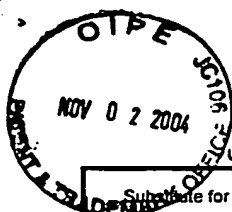
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SQ	B1	20020147182	10-10-2002	Nelson, <i>et al.</i>	
	B2	20020193354	12-19-2002	Nelson, <i>et al.</i>	
	B3	6,500,812	12-31-2002	Nelson, <i>et al.</i>	
	B4	20030055025	03-20-2003	Nelson, <i>et al.</i>	
	B5	20030100017	05-29-2003	Draper, <i>et al.</i>	
	B6	20030125348	07-03-2003	Nelson, <i>et al.</i>	
	B7	20030166585	09-04-2003	Draper, <i>et al.</i>	
	B8	20030166952	09-04-2003	Nelson, <i>et al.</i>	
	B9	6,624,168	09-23-2003	Nelson, <i>et al.</i>	
	B10	6,642,041	11-04-2003	Nelson, <i>et al.</i>	
	B11	6,683,068	01-27-2004	Nelson, <i>et al.</i>	
	B12	20040048835	03-11-2004	Nelson, <i>et al.</i>	
	B13	20040063674	04-01-2004	Levy, <i>et al.</i>	
SQ	B14	20040138183	07-15-2004	Nelson, <i>et al.</i>	

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
SQ	B15	Clyde, A.F. "Treatment of drug-resistant malaria in man," <i>Bull. World Health Organ.</i> 1974;50(3-4):243-9	
	B16	Colwell, E.J. <i>et al.</i> "Tetracycline treatment of chloroquine-resistant falciparum malaria in Thailand," <i>JAMA</i> 1972 May 1;220(5):684-6	
	B17	Colwell, E.J. <i>et al.</i> "Minocycline and tetracycline treatment of acute falciparum malaria in Thailand," <i>Am. J. Trop. Med. Hyg.</i> 1972 Mar;21(2):144-9	
	B18	COMMITTEE TO ADVISE ON TROPICAL MEDICINE AND TRAVEL. New Drugs For The Prevention And Treatment of Malaria. Canada Communicable Disease Report (CCDR), Volume 26S2, March 200. Pages, 1-6.	
	B19	Lin, Q. <i>et al.</i> "Inhibition of mitochondrial and plastid activity of Plasmodium falciparum by minocycline," <i>FEBS Lett.</i> 2002 Mar 27;515(1-3):71-4	
SQ	B20	Ponnampalam, J.T. "Doxycycline in the treatment of falciparum malaria among aborigine children in West Malaysia," <i>Trans. R. Soc. Trop. Med. Hyg.</i> 1981;75(3):372-373	

Examiner Signature	/Sabiha Qazi/	Date Considered	08/17/2006
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				Application Number	10/692,563
				Filing Date	October 24, 2003
				First Named Inventor	Draper, Michael
				Art Unit	1616
				Examiner Name	Not Yet Assigned
Sheet	3	of	3	Attorney Docket Number	PAZ-114CP2

sq	C1	Pradines, B. <i>et al.</i> "Antibiotics for prophylaxis of Plasmodium falciparum infections: in vitro activity of doxycycline against Senegalese isolates," <i>Am. J. Trop. Med. Hyg.</i> 2000 Jan;62(1):82-5	
	C2	Pradines, B. <i>et al.</i> "In vitro activities of antibiotics against Plasmodium falciparum are inhibited by iron," <i>Antimicrob. Agents Chemother.</i> 2001 Jun;45(6):1746-50	
	C3	Ralph, S.A. <i>et al.</i> "The apicoplast as an antimalarial drug target," <i>Drug Resist. Updat.</i> 2001 Jun;4(3):145-51	
	C4	Sponer, U. <i>et al.</i> "Pharmacodynamic interaction of doxycycline and artemisinin in Plasmodium falciparum," <i>Antimicrob. Agents Chemother.</i> 2002 Jan;46(1):262-4	
	C5	White, N. "Tetracycline for chloroquine-resistant malaria," <i>Lancet.</i> 1983 Jun 4;1(8336):1271	
	C6	Willerson, D. <i>et al.</i> "Effects of minocycline against chloroquine-resistant falciparum malaria," <i>Am. J. Trop. Med. Hyg.</i> 1972 Nov;21(6):857-62	
sq	C7	"Tetracyclines for malaria," <i>Br. Med. J.</i> 1972 Aug 26;3(825):487	

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Substitute for form 1449A/B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2	Application Number	10/692563-Conf. #9127
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### Complete if Known

Filing Date	October 24, 2003
First Named Inventor	Michael DRAPER
Art Unit	1616
Examiner Name	S. N. Qazi
Attorney Docket Number	PAZ-114CP2

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
SQ	A1*	US-6,642,270-A1	04-18-2002	Nelson et al.	
	A2*	US-6,818,634-A1	08-01-2002	Nelson et al.	
	A3*	US-6,500,812-A1	12-31-2002	Nelson et al.	
	A4*	US-6,841,546-A1	05-29-2003	Draper et al.	
	A5*	US-6,846,939-A1	07-03-2003	Nelson et al.	
	A6*	US-6,617,318	09-09-2003	Nelson, M.L., et al.	
	A7*	US-20040033996-A1	02-19-2004	Nelson et al.	
	A8*	US-20040092490-A1	05-13-2004	Draper et al.	
	A9*	US-20040157806-A1	08-12-2004	Nelson et al.	
	A10*	US-20040176334-A1	09-09-2004	Nelson et al.	
	A11*	US-20040214800-A1	10-28-2004	Levy et al.	
	A12*	US-20040214801-A1	10-28-2004	Nelson et al.	
	A13*	US-6,818,635	11-16-2004	Nelson, Mark L., et al.	
	A14*	US-6,833,365-A1	12-21-2004	Levy et al.	
	A15*	US-20040266740-A1	12-30-2004	Huss et al.	
	A16*	US-20050020545-A1	01-27-2005	Draper et al.	
	A17*	US-6,849,615-A1	02-01-2005	Nelson et al.	
	A18*	US-20050026875-A1	02-03-2005	Nelson et al.	
	A19*	US-20050026876-A1	02-03-2005	Nelson et al.	
	A20*	US-20050038002-A1	02-17-2005	Nelson et al.	
	A21*	US-20050070510-A1	03-31-2005	Draper et al.	
	A22*	US-20050119235-A1	06-02-2005	Nelson et al.	
	A23*	US-20050143353-A1	06-30-2005	Nelson et al.	
	A24*	US-20050148551-A1	07-07-2005	Nelson et al.	
	A25*	US-20050187198-A1	08-25-2005	Nelson et al.	
	A26*	US-20050215532-A1	09-29-2005	Levy et al.	
	A27*	US-20050288262-A1	12-29-2005	Bandarage et al.	
	A28*	US-20060003971-A1	01-05-2006	Nelson	
	A29*	US-7,001,918-A1	02-21-2006	Huss et al.	
	A30*	US-20060084634-A1	04-20-2006	Huss et al.	
	A31*	US-20060089336-A1	04-27-2006	Nelson et al.	
	A32*	US-7,045,507-A1	05-16-2006	Draper et al.	
	A33*	US-20050137174-A1	06-23-2005	Ohemeng et al.	
SQ	A34*	US-20050143352-A1	06-30-2005	Nelson et al.	

### FOREIGN PATENT DOCUMENTS

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		Country Code <sup>1</sup> -Number <sup>1</sup> -Kind Code <sup>1</sup> (if known)				
SQ	B1	WO-99/30720-A1	06-24-1999	New York University		
SQ	B2	WO-00/64479-A1	11-02-2000	Antibody Systems, Inc.		

Examiner Signature	/Sabiha Qazi/	Date Considered	08/17/2006
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SQ	C1	Bunnag, D. et al, "Quinine-tetracycline for multidrug resistant <i>fulciparum</i> malaria," <i>Southeast Asian J. Trop. Med. Public Health</i> , Vol. 27(1):15-18 (1996)		
	C2	Draper, M.P. et al, "Novel Tetracycline Derivatives as Antimalarial Agents," <i>41st ICAAC Abstracts</i> , Poster Session 115, P-1140, September 22-25, 2001		
	C3	Geary, Timothy G. et al, "Stage Specific Actions of Antimalarial Drugs on <i>Plasmodium Falciparum</i> in Culture," <i>Am. J. Trop. Med. Hyg.</i> , Vol. 40(3):240-244 (1989)		
	C4	Karbwan, Juntra et al, "Plasma Quinine Levels in Patients with <i>Fulciparum</i> Malaria when Given Alone or in Combination with Tetracycline With or Without Primaquine," <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , Vol. 22(1):72-76 (1991)		
	C5	Patenotte, A. et al, "Antibiotiques et paludisme. Revue de la littérature," <i>Méd. Mal. Infect.</i> , Vol. 25:970-975 (1995)		
SQ	C6	European Search Report for Application No. 02723955.7-2103 PCT/US02/12935, dated February 6, 2006		

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